

Price Evaluation Spreadsheet

Firing Device, Manual
DAAE20-00-R-0209

Minimum Guaranteed Quantity: 300
(To be awarded in Pricing Period 1)

	Pricing Period 1	Pricing Period 2	Pricing Period 3	Pricing Period 4	Pricing Period 5
CLIN 0001:					
Order Qty					
Firing Device, Manual	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
100 - 199					
NSN: 1025-00-997-2431	Wgt	Wgt	Wgt	Wgt	Wgt
	5%	20%	20%	20%	20%
Part Number: 11599606					
200 - 299					
	5%	70%	70%	70%	70%
300 - 399					
	80%	10%	10%	10%	10%
400 - 500					
	100%	100%	100%	100%	100%
First Article (FA) Test					
Weighted Unit Price					
Estimated Quantity					
500					
Evaluated CLIN Price Without FA					
Plus FA Test					
Evaluated CLIN Price With FA					
Total Evaluated CLIN Price Without FA					
Total Evaluated CLIN Price With FA					

DOCUMENT SUMMARY LIST

Item: Firing Device, Manual	NSN: 1025-00-997-2431
Control Number/PRON:	

Identifies all first tier documents (cited in SOW) (applicable DIDs). Also included are all referenced documents (2nd, (includes DID block 10 references), 3rd and lower tier) which have been tailored.

DOCUMENT CATEGORY:

CATEGORY 0 – Unless otherwise specified in the solicitation, contract, or contract modifications, all documents are for guidance and information only.

CATEGORY 1 – The requirements contained in the directly cited document are contractually applicable to the extent specified. All referenced documents are for guidance and information only.

CATEGORY 2 – The requirements contained in the directly cited document and the reference documents identified in the directly cited document are contractually applicable to the extent specified. All subsequently referenced documents are for guidance and information only.

CATEGORY 3 – Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in the directly cited document and all reference and subsequently referenced documents are contractually applicable to the extent specified.

Document Number (Contract Reference)	Document Title	Document Date/ Document Category
Applicable Tailoring		
1a. MIL-STD-973	Configuration Management	17 Apr 92 Cat 2

See section C clause(s) titled: Value Engineering Change Proposals, Engineering Change Proposals, Deviation and/or Ozone-Depleting Substances.

In the application of MIL-STD-973 Paragraphs 5.4.3, 5.4.4 and 5.4.8 apply, and are tailored as follows:

(1) Page 53, para 5.4.3.4., Delete "a contractor designed form, or a letter" in the first sentence.

(2) Page 53, para 5.4.3.3.2a., Line 5, add "or size" after "weight".

(3) Page 53, Delete para 5.4.3.5., and replace by, "Unless otherwise specified in the contract, requests for critical deviations should be approved or disapproved within 30 calendar days of receipt by the Government and for all other deviations within 60 calendar days of receipt by the Government."

(4) Para 5.4.3.5.1. Minor deviations.
Line 3. Delete "...by the activity...Class II change" and insert "by the Contracting Officer."

(5) Page 55, para 5.4.4.3.2a., Line 7, add "or size" after "weight".

Control No./PRON:

(6) Page 56. Delete paragraph 5.4.4.5 and replace by "Unless otherwise specified in the contract, requests for critical waivers should be approved or disapproved within 30 calendar days of receipt by the Government and for all other RFWs within 60 calendar days of receipt by the Government."

(7) Para 5.4.4.5.1. Minor waivers.
Lines 4 and 5. Delete "...Contract Administration Office (CAO)." Insert "...Configuration Manager and a Government Contracting Officer."

(8) Page 61, para 5.4.8.3.4., in line 6 ad "or size" after "weight".

(9) Page 61, Add new para 5.4.8.3.4.1., "An RFD shall be supported by test data and analysis, where appropriate, and provided to support the decision regarding acceptance of the nonconformance."

(10) Page 61, Delete para 5.4.8.3.5. and replace by, "Unless otherwise specified in the contract, deviations are approved and authorized only by the Contracting Officer. Critical deviations should be processed within 30 calendar days of receipt by the Government and all other RFDs processed within 60 calendar days of receipt by the Government."

(11) Page 62, para 5.4.8.4, Delete lines 7 thru 10 and replace with "standard. All RFWs shall be submitted as specified in the contract for approval or disapproval and acceptance or rejection by the authorized Contracting Officer."

(12) Page 62, para 5.4.8.4.4., on line 6 add "or size" after "weight".

(13) Page 62, Add new para 5.4.8.4.4.1., "an RFW shall be supported by test data and analysis, where appropriate, and provided to support the decision regarding acceptance of the nonconformance."

1b.	Interim Notice 3 (DO)	Configuration Management	13 Jan 95 Cat 2
1c.	DI-CMAN-80639B (seq A001)	Engineering Change Proposal	13 Jan 95 Cat 2
1d.	DI-CMAN-80640B (seq A002)	Request for Deviation	13 Jan 95 Cat 2
1e.	DI-CMAN-80641B (seq A003)	Request for Waiver	13 Jan 95 Cat 2
1f.	DI-CMAN-80642B (seq A004)	Notice of Revision	13 Jan 95 Cat 2
2.	MIL-I-45208/Rev A Amd 1 Higher Level Contract Quality Requirement (Sec E)	Inspection System Requirements	24 Jul 81 Cat 2

Control No./PRON:

3a.	Acceptance Inspection Equipment (Sec E)	AIE	Cat 2
3b.	OT-90-12009 (DD Form 1423)	Acceptance Inspection Equipment Design Documentation	15 Dec 89 Cat 1
4.	MIL-I-45607/Rev C Acquisition, Maintenance and Disposition of Inspection Equipment and/or Acquisition of Inspection Equipment for Govt Title (Sec E)	Inspection Equipment Acquisition Maintenance and Disposal of	31 Aug 87 Cat 2
5.	MIL-STD-45662A	Calibration System Requirements	01 Aug 88 Cat 1
Acquisition, Maintenance and Disposition of Inspection Equipment and/or Acquisition of Inspection Equipment for Govt Title. (Sec E)			
6a.	ANSI/ASQC Z1.1, Z1.2 and Z1.3 (Statistical Process Control Sec E)	American National Standards	1985 Cat 2
6b.	OT-90-12138 (DD Form 1423)	Statistical Process Control (SPC) Plan	12 Jun 90 Cat 1
7a.	DOD-P-16232F INT Amd 1 (TDPL)	Phosphate Coating Heavy Manganese or Zinc Base (For Ferrous Metal)	09 Sep 92 Cat 2
7b.	OT-92-12003 (DD Form 1423)	Phosphate Coating Pre-Production Procedure	18 Nov 91 Cat 2

CONTRACT DATA REQUIREMENTS LIST										Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.											
A. CONTRACT LINE ITEM NO. 0001			B. EXHIBIT		C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>						
D. SYSTEM/ITEM Manual Firing Device				E. CONTRACT/PR NO.			F. CONTRACTOR				
1. DATA ITEM NO. A001		2. TITLE OF DATA ITEM Engineering Change Proposal (ECP)				3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80639B				5. CONTRACT REFERENCE MIL-STD-973			6. REQUIRING OFFICE AMSTA-AR-CCL-FM				
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED		10. FREQUENCY ASREQ		12. DATE OF FIRST SUBMISSION AS REQ		14. DISTRIBUTION			
8. APP CODE -		11. AS OF DATE ---		13. DATE OF SUBSEQUENT SUBMISSION ---		a. ADDRESSEE		Draft		b. COPIES	
										Final	
								Reg		Repro	
16. REMARKS ECP short form shall be used for the submission and processing of all class II engineering actions.						amsta-ar-ccl-fm				1	
				15. TOTAL		→		1			
1. DATA ITEM NO. A002		2. TITLE OF DATA ITEM Request For Deviation (RFD)				3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640B				5. CONTRACT REFERENCE MIL-STD-973			6. REQUIRING OFFICE AMSTA-AR-CCL-FM				
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED		10. FREQUENCY AS REQ		12. DATE OF FIRST SUBMISSION AS REQ		14. DISTRIBUTION			
8. APP CODE -		11. AS OF DATE --		13. DATE OF SUBSEQUENT SUBMISSION --		a. ADDRESSEE		Draft		b. COPIES	
										Final	
								Reg		Repro	
16. REMARKS						amsta-ar-ccl-fm				1	
				15. TOTAL		→		1			
1. DATA ITEM NO. A003		2. TITLE OF DATA ITEM Request For Waiver (RFW)				3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641B				5. CONTRACT REFERENCE MIL-STD-973			6. REQUIRING OFFICE AMSTA-AR-CCL-FM				
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED		10. FREQUENCY AS REQ		12. DATE OF FIRST SUBMISSION AS REQ		14. DISTRIBUTION			
8. APP CODE -		11. AS OF DATE ---		13. DATE OF SUBSEQUENT SUBMISSION --		a. ADDRESSEE		Draft		b. COPIES	
										Final	
								Reg		Repro	
16. REMARKS						amsta-ar-ccl-fm				1	
				15. TOTAL		→		1			
1. DATA ITEM NO. A004		2. TITLE OF DATA ITEM Notice of Revision (NOR)				3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80642B				5. CONTRACT REFERENCE MIL-STD-973			6. REQUIRING OFFICE AMSTA-AR-CCL-FM				
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED		10. FREQUENCY AS REQ		12. DATE OF FIRST SUBMISSION AS REQ		14. DISTRIBUTION			
8. APP CODE -		11. AS OF DATE --		13. DATE OF SUBSEQUENT SUBMISSION --		a. ADDRESSEE		Draft		b. COPIES	
										Final	
								Reg		Repro	
16. REMARKS The contractor shall prepare and submit a NOR for each drawing, associated list, or other referenced document which require revision after ECP approval.						amsta-ar-ccl-fm				1	
				15. TOTAL		→		1			
G. PREPARED BY				H. DATE 12 Sep 2000		I. APPROVED BY			J. DATE		

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

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18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST										Form Approved OMB No. 0704-0188			
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.													
A. CONTRACT LINE ITEM NO. 0001			B. EXHIBIT			C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>							
D. SYSTEM/ITEM Manual Firing Device				E. CONTRACT/PR NO.				F. CONTRACTOR					
1. DATA ITEM NO. A005		2. TITLE OF DATA ITEM Acceptance Inspection Equipment Design Document						3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) OT-90-12009				5. CONTRACT REFERENCE Section "E"				6. REQUIRING OFFICE AMSTA-AR-QAW-C					
7. DD 250 REQ XX		9. DIST STATEMENT REQUIRED		10. FREQUENCY AS REQ		12. DATE OF FIRST SUBMISSION *		14. DISTRIBUTION				b. COPIES	
8. APP CODE A		--		11. AS OF DATE -		13. DATE OF SUBSEQUENT SUBMISSION **		a. ADDRESSEE		Draft		Final	
16. REMARKS * Prior to initiation of production or first article test, if required. ** Whenever any revision is needed for any reason.								amsta-ar-qaw-c				1	
								15. TOTAL		→			
1. DATA ITEM NO. A006		2. TITLE OF DATA ITEM Phosphate Coating Pre-Production Procedure						3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) OT-92-12003				5. CONTRACT REFERENCE DOD-P-16232, Para 3.1				6. REQUIRING OFFICE AMSTA-AR-ESM					
7. DD 250 REQ XX		9. DIST STATEMENT REQUIRED		10. FREQUENCY Once		12. DATE OF FIRST SUBMISSION 60 DAC		14. DISTRIBUTION				b. COPIES	
8. APP CODE A		--		11. AS OF DATE -		13. DATE OF SUBSEQUENT SUBMISSION -		a. ADDRESSEE		Draft		Final	
16. REMARKS Prior to production - Contracting Officer approval required								amsta-lc-ctt-e1				1	
								15. TOTAL		→			
1. DATA ITEM NO.		2. TITLE OF DATA ITEM						3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.)				5. CONTRACT REFERENCE				6. REQUIRING OFFICE					
7. DD 250 REQ		9. DIST STATEMENT REQUIRED		10. FREQUENCY		12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION				b. COPIES	
8. APP CODE				11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE		Draft		Final	
16. REMARKS													
								15. TOTAL		→			
1. DATA ITEM NO.		2. TITLE OF DATA ITEM						3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.)				5. CONTRACT REFERENCE				6. REQUIRING OFFICE					
7. DD 250 REQ		9. DIST STATEMENT REQUIRED		10. FREQUENCY		12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION				b. COPIES	
8. APP CODE				11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE		Draft		Final	
16. REMARKS													
								15. TOTAL		→			
G. PREPARED BY			H. DATE 12 Sep 2000			I. APPROVED BY			J. DATE				

17. PRICE GROUP
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DATA ITEM DESCRIPTION

Form Approved
OMB No 0704-0188

1. TITLE ACCEPTANCE INSPECTION EQUIPMENT DESIGN DOCUMENTATION	2. IDENTIFICATION NUMBER OT-90-12009
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3. DESCRIPTION/PURPOSE

- 3.1 This documentation describes the contractor designed acceptance inspection equipment (AIE).
- 3.2 This documentation is used to evaluate the acceptability of the contractor's designs for the Government's requirements.

4. APPROVAL DATE (YYMMDD) 891215	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) A/AMSMC-QAH(D)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
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7. APPLICATION/INTERRELATIONSHIP

- 7.1 This Data Item Description contains the format and content preparation instructions for the data generated by the specific and discrete task requirement as delineated in the contract.
- 7.2 This DID is applicable to all drawings or descriptions of acceptance inspection equipment as required by DD Form 1423.
- 7.3 A related document is DI-R-1710, Quality Program Plan.
- 7.4 This DID is for one-time use for solicitation_____.

8. APPROVAL LIMITATION Limited to solicitation_____	9a. APPLICABLE FORMS	9b. AMSMC NUMBER
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10. PREPARATION INSTRUCTIONS

- 10.1 Source document. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.
- 10.2 Format. Acceptance inspection equipment design documentation shall be in contractor format.
- 10.3 Content. The acceptance inspection equipment design documents shall disclose design information sufficient to permit evaluation of the proposed equipment. All submissions shall include: the contract number; the drawing number and revision of the component being inspected; the specification number, revision, and latest amendment (if applicable); and the defect code(s) or specification paragraph number and characteristic(s) being inspected by the equipment. Each design drawing shall be dated and have a unique number assigned to it. Revisions to any design shall be recognizable by a revision symbol and date. For the following areas, additional information shall include:
- 10.3.1 For dimensional characteristic inspection (gages and setups):
- Overall equipment configuration.
 - Gaging dimensions (including tolerances).
 - Material, surface finish and hardness requirements of gaging elements.
 - Identification (by manufacturer and model number) of any commercial devices to be incorporated in the design.
 - Setup, calibration, operation, and verification instructions where appropriate.
 - Maintenance procedures and spare parts lists where appropriate.
- 10.3.2 For physical characteristics (electrical, mechanical, nondestructive, environmental, etc.) test equipment:
- Layout or block diagram showing overall equipment arrangement and interconnection, including the unit under test (UUT).
 - Details of adapters, cables, holding fixtures, etc. that may be required.
 - Schematics of test circuits and measuring circuits or devices, unless they are standard commercial items.
 - When test and measuring equipment is computer controlled or for numerically controlled multi-testers:
- (1) The computer test program listing and flow charts showing accept/reject limits and computer generated

(Continued on Page 2)

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

(PAGE 2 OF 2) ~~ATTACHED~~

Block 10 PREPARATION INSTRUCTIONS (Continued)

test stimuli (as differentiated from computer controlled standard test equipment stimuli).

- (2) The calibration program listing for each item of computer controlled test equipment and a sample printout of an actual test and calibration.
- (3) Test plan to be used to qualify the accuracy of inspection and correctness of accept/reject decisions and actions.
- (4) Results of the test including sample record (e.g., print out) of normally generated test results.
- (5) Identification (by manufacturer and model number) of any commercial devices to be incorporated in the design.
- (6) Setup, calibration, operation and verification instructions. When test and measuring equipment is computer controlled, a printout of those instructions which are displayed for the operator.
- (7) Maintenance procedures and spare parts lists.
- (8) A method of verifying the integrity of the code (e.g., checksum or cyclic redundancy check).

10.3.3 Composite Equipment. Appropriate information to check dimensional and physical characteristics required by 10.3.1 and 10.3.2 shall be provided without duplication.

10.3.4 For designs that are extensive in nature, (i.e., computer controlled, numerically controlled, multistation, and acceptance inspection equipment which is part of an integrated production and assembly system):

10.3.4.1 Concept designs shall include:

- a. Sketches the inspecting elements.
- b. Theory of operation including computer flow diagrams.
- c. Description of the calibration or verification standards to be used.
- d. Description of all fail-safe measures to be used (rejection of UUT if the tester fails).
- e. A proposed test plan to qualify the accuracy of inspection and correctness of accept or reject decisions and actions.

10.3.4.2 Detailed proposed designs shall include:

- a. After concept approval and before any fabrication:
 - (1) Drawings of the inspecting elements.
 - (2) Drawings of the calibration or verification standards.
 - (3) Schematic or block diagram of test and measuring circuits where applicable.
 - (4) Identification by manufacturer and model number of any commercial devices to be incorporated in the design.
 - (5) Layout of the equipment.
 - (6) Setup, calibration, operation, and verification instructions.
- b. Before performing the test to qualify the AIE:
 - (1) The final test plan.
 - (2) Computer program listings, a cross-reference between inspection requirements and related codes, and a flow diagram.

10.3.4.3 Final designs shall include:

- a. Results of the test including data generated, sample printout of test results (when normally generated), and calibration results.
- b. Design depicting the equipment as it was tested.
- c. Maintenance procedures and spare parts lists where appropriate.
- d. Setup, calibration, operation, and verification procedures.
- e. Computer programs, a cross-reference between inspection requirements and related codes, and flow diagrams.

10.3.5 For commercial off-the-shelf equipment:

- a. Manufacturer and model number.
- b. Sufficient information to show capability of performing the inspection.

DATA ITEM DESCRIPTION			FORM APPROVED OMB NO. 0704 0188	
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, Va 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188) Washington, DC 20503				
1. TITLE PHOSPHATE COATING PRE-PRODUCTION PROCEDURE			2. IDENTIFICATION NUMBER OT-92-12003	
3. DESCRIPTION/PURPOSE 3.1 To document the phosphate coating procedure to be followed for production and testing. 3.2 The procedure will be used as a basis for subsequent quality reviews in the contractor/vendor's plant.				
4. APPROVAL DATE (YYMMDD) 911118	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) A/SMCAR-ESM-H	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION/INTERRELATIONSHIP 7.1 This DID contains the format and content preparation instructions for the Phosphate Coating Pre-Production Procedure resulting from Military Specification DOD-P-16232 requirements as delineated in the contract. 7.2 This DID is for one-time use for Solicitation _____.				
8. APPROVAL LIMITATION Limited to Solicitation _____.		9a. APPLICABLE FORMS		9b. AMSC NUMBER
10. PREPARATION INSTRUCTIONS 10.1 <u>Reference documents.</u> The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract. 10.2 <u>Format.</u> The report shall be in contractor's format. 10.3 <u>Content.</u> 10.3.1 The contractor shall prepare a detailed outline of the procedures to be used in the process of applying and testing phosphate coatings to DOD-P-16232. Paragraph 3.1 of DOD-P-16232 lists the preproduction process approval submission requirements. 10.3.2 Process variables (time, temperature, concentration, free acid, etc.) shall be expressed as ranges. The procedure shall be dated and shall include the name of the contractor/vendor performing the phosphate coating.				
11. DISTRIBUTION STATEMENT DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				